



Scientists for a GMO-free Sustainable Europe

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Possible impacts and adverse effects of GMOs

Seed dispersal and coexistence

Cascade effects in food chains

Gene flow and increased weediness

Increase in volunteers and invasiveness

Effects on non-target species



Recombination in pathogens

Impact on pest management and farming practice

Impact on biodiversity in agro-ecosystem

Resistance Development



Large-scale conservation projects

I. Basic information

- A governmental funding programme in Germany to establish and protect natural areas and landscapes of national interest
- Supporting federal states' activities
- Started in 1979
- 62 completed and ongoing projects
- 300 million € funding by the federal government



Large-scale conservation projects

II. Locations



- completed projects
- ongoing projects

Bundesamt für Naturschutz, 2004



Large-scale conservation projects

III. Good project criteria

- representative
- large-scale
- semi-natural
- exemplary
- endangered
- further criteria

Foto: SIS-Projekt



GMO-free Regions in Germany

Since Nov. 2003:

- 50 GMO-free Regions
- 11.600 farmers
- 430.000 ha arable land
- about 1 million ha total land

16.9.2004

www.faire-nachbarschaft.de





GMO-free Regions: **BfN** - Activities

- Project that studies and accompanies a GMO-free Region as part of regional developmental activities
- Funding an information campaign
www.faire-nachbarschaft.de
- Supporting conferences, e.g.
***„Gentechnikfreie Regionen und Koexistenz“
22./23.Juni 2004 in Berlin***



The German strategy to ensure coexistence

- National genetic engineering act is presently amended to implement directive 2001/18/EC
- Federal Council is partly involved in the legislation procedure
- Guidelines on Best Practice and Coexistence are covered by a regulation and discussed
- Rules are crop-related (isolation distances, buffer zones etc.) or universally applicable (equipment sharing, cleaning, volunteer management etc.)